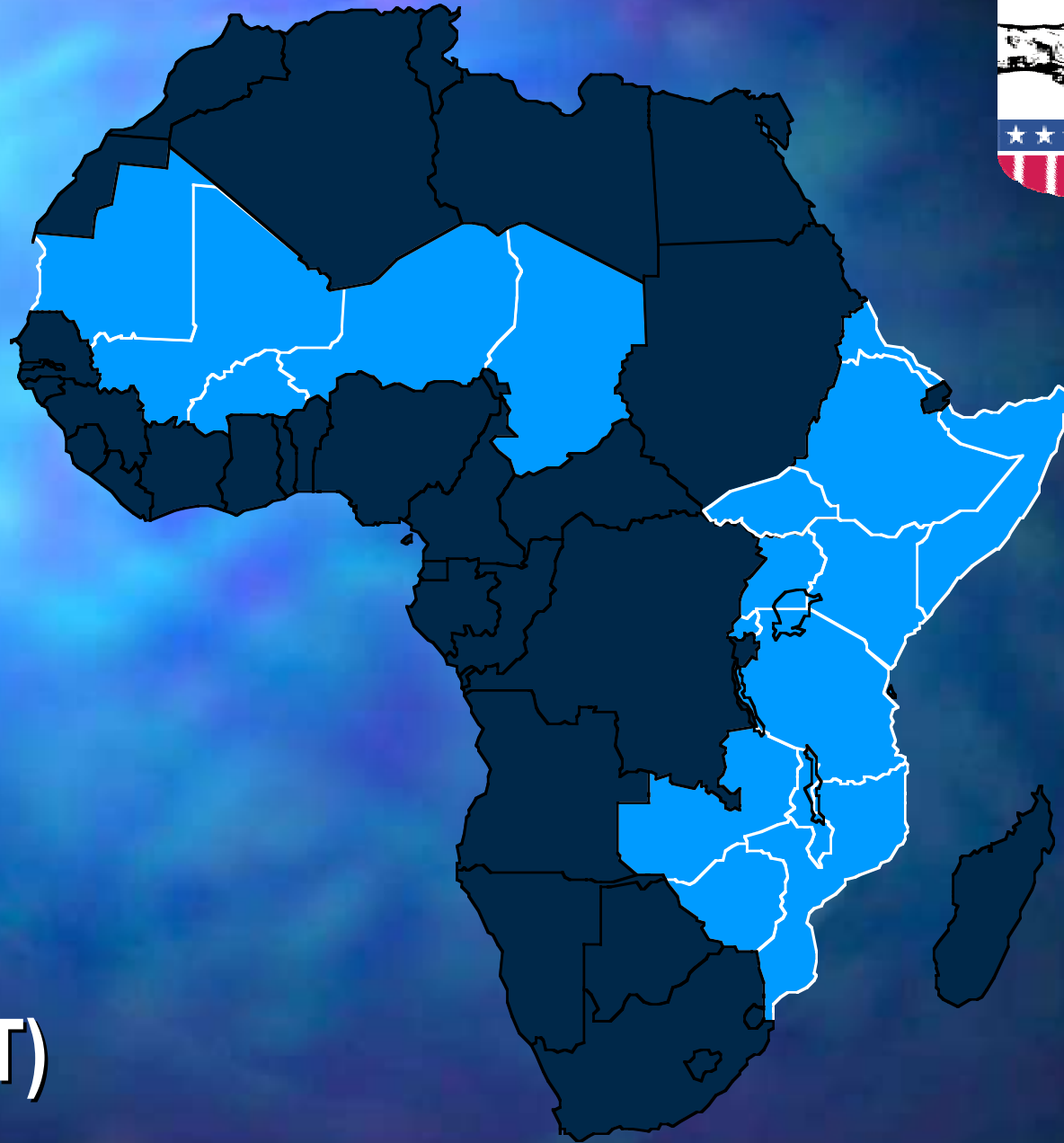


# U.S. Agency for International Development

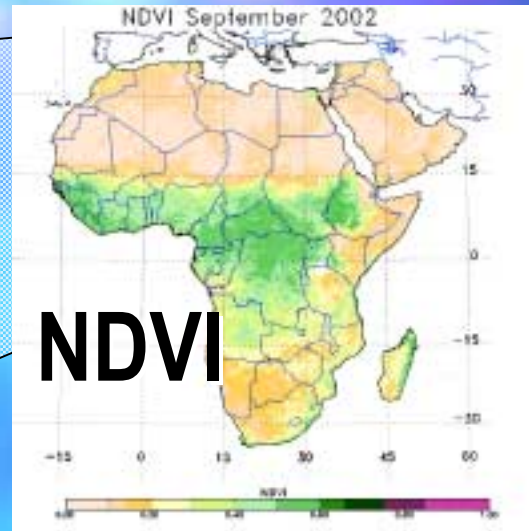


**Famine  
Early  
Warning  
System  
Network  
(FEWS NET)**





# Real World



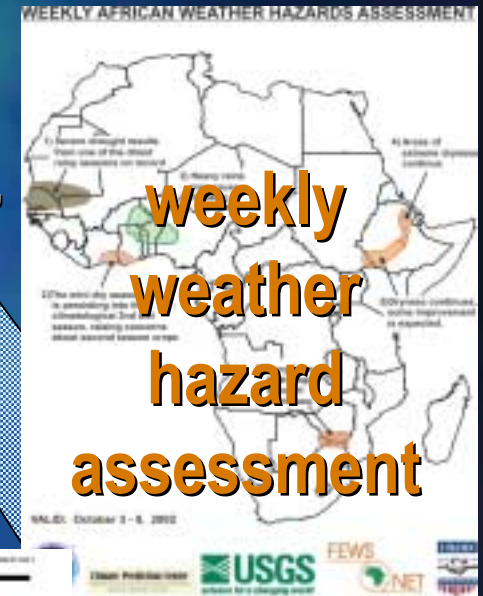
**NDVI**

field observations of agricultural & pasture conditions

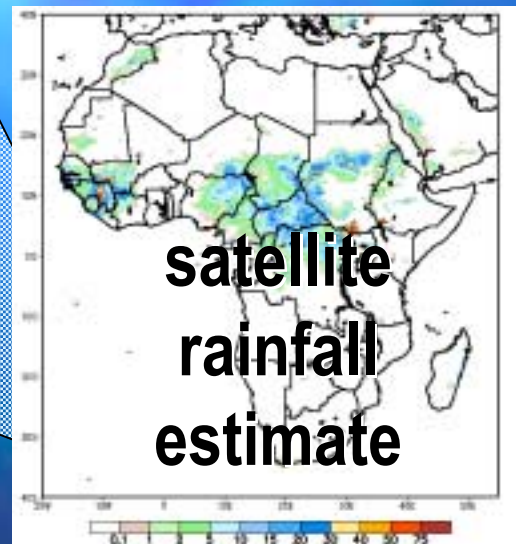
market prices

observations on conflict, civil unrest, health

soils & topography



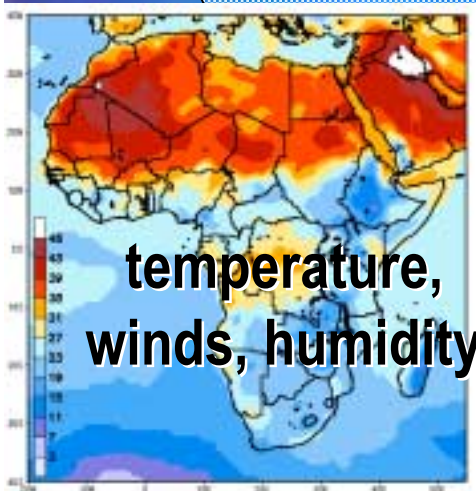
**weekly weather hazard assessment**



**satellite rainfall estimate**



**monthly food security reports**

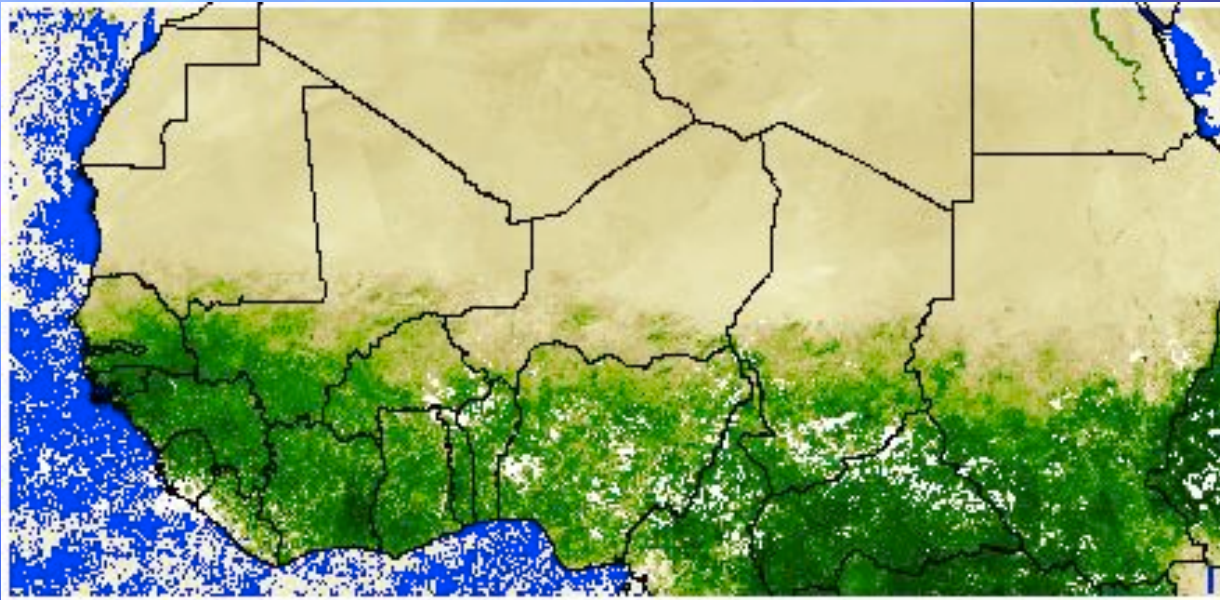


**temperature, winds, humidity**

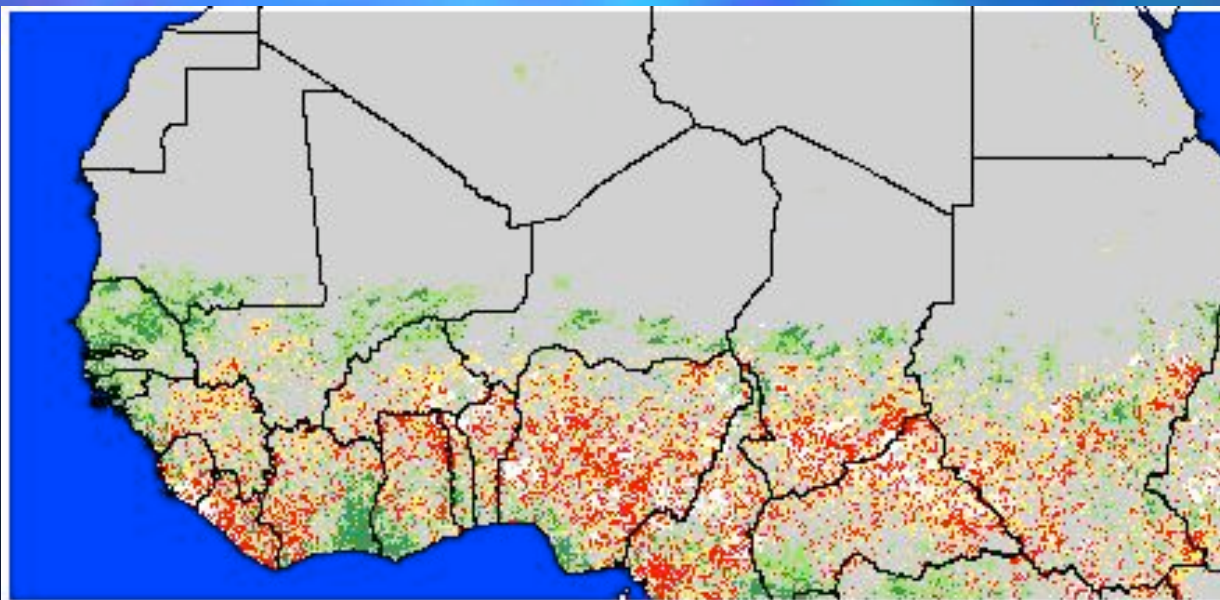
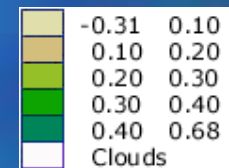
**decision-makers in Africa and the U.S.**



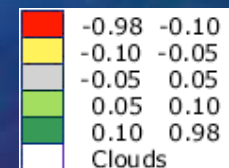
# Famine Early Warning System Network



July 21-31, 2001  
NASA NDVI



Difference  
from 1981-  
2001 mean



# **Famine Early Warning System Network**

## **Key Results (1985-2002)**

**Southern Africa: response strategies and mechanisms for serious floods (2000-2002)**

**Kenya, Tanzania, and Uganda: improved food aid targeting (1999-2000)**

**Horn of Africa: early warning of grave food insecurity (1999-2000, 2002)**

**Southern Africa: early warning of food insecurity due to El Niño (1992-1993, 2002)**

**Normalized Difference Vegetation Index (NDVI): development of remote sensing index of drought (1985-2002)**